L4 ANSWER 386 OF 561 CA COPYRIGHT 2004 ACS on STN
AN 110:120184 CA
ED Entered STN: 03 Apr 1989
TI Hydraulic **cement** with high durability and strength
IN Uchida, Shunichiro; Habara, Toshisuke
PA Onoda Cement Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C04B007-345
CC 58-1 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63248751	A2	19881017	JP 1987-79717	19870402
PRAI	JP 1987-79717		19870402		

AB The hydraulic **cement** contains 11Ca0.7Al2O3.CaX2 (X = halogen) 5-30, anhdyrite 5-30, Al(OH)3 and/or Al2(SO4)3 0.5-10%, and balance Ca silicate and/or siliceous powder at a (CaO-3Al2O3-SO3)/SiO2 mol ratio .ltoreq.1.7. Thus, **cement**, comprising 11Ca0.7Al2O3.CaF2 13, C3S 27, blast-furnace slag 40, anhdyrite 19, and Al(OH)3 1 wt.%, was mixed with sand, alkali-resistant glass fiber, Mighty 150, HNO3 (as setting retardant), and **water**, molded, and hardened to give a **cement** product having initial, 7-, and 91-day bending strength 240, 320, 290 kg/cm2, resp.
ST calcium aluminate hydraulic **cement**; silicate calcium hydraulic **cement**; anhydrite hydraulic **cement**; aluminum hydrixodde hydraulic **cement**; blast furnace slag hydraulic **cement**
IT Glass fibers, uses and miscellaneous
RL: USES (Uses)
(**cement** reinforced with, manuf. of